

[illegible]

[illegible]

```

0000 1      .TITLE  CALDAYNO
0000 2      .IDENT  'V04-000'
0000 3
0000 4
0000 5 *****
0000 6
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0000 24
0000 25 *****
0000 26
0000 27
0000 28
0000 29 ++
0000 30
0000 31 Facility:      magnetic tape acp
0000 32
0000 33 Abstract:
0000 34      this module calculates the day number since the start date
0000 35
0000 36 Environment:
0000 37      starlet operating system, including privileged system services and
0000 38      internal exec routines.
0000 39 --
0000 40
0000 41
0000 42 Author:      Deborah H. Gillespie,      Creation Date: 23-JUN-1977
0000 43
0000 44 Modified By:
0000 45
0000 46      V002      REFORMAT      Ken Henderson      30-JUL-1980      8:00
0000 47      the code was reformatted
0000 48
0000 49 01      -
0000 50 --
0000 51
0000 52
0000 53
0000 54 Include Files:
0000 55
0000 56
0000 57

```

```
0000 58 : Macros:
0000 59 :
0000 60 :
0000 61 :
0000 62 : Equated Symbols:
0000 63 :
0000 64 :
00000004 0000 65      D1      = 4      ; first date address
00000008 0000 66      D2      = 8      ; second date address
0000 67 :
0000 68 :
0000 69 : Own Storage:
0000 70 :
0000 71 :
```



```

0000 73
0000 74 :++
0000 75 : CALDAYNO
0000 76 :
0000 77 :     this routine calculates the binary day number since start date
0000 78 :
0000 79 : Calling sequence:
0000 80 :     caldayno(arg1,arg2)
0000 81 :
0000 82 : Input Parameters:
0000 83 :     arg1 - address of first 64 bit date
0000 84 :     arg2 - address of second 64 bit date
0000 85 :
0000 86 : Implicit Inputs:
0000 87 :     none
0000 88 :
0000 89 : Output Parameters:
0000 90 :     arg1 - address of first date which receives binary day number
0000 91 :     arg2 - address of second date which receives binary day number
0000 92 :
0000 93 : Implicit Outputs:
0000 94 :     none
0000 95 :
0000 96 : Routine Value:
0000 97 :     none
0000 98 :
0000 99 : Side Effects:
0000 100 :     none
0000 101 :
0000 102 :--
0000 103 :
0000 104 :
00000000 105 : .PSECT $CODE$,NOWRT, LONG
0000 106 :
0000 107 :
0000 108 CALDAYNO::
0000 109 :
0004 0000 110 : .WORD ^M<R2>
50 04 AC D0 0002 111 : MOVL D1(AP),R0
50 08 AC D0 0006 112 : BSBB CALDAY
01 10 000C 113 : MOVL D2(AP),R0
04 000E 114 : BSBB CALDAY
115 : RET
; calculate binary day number
; save registers
; get address of first 64 bit date
; negate it
; get address of second 64 bit date
; negate it
; return to caller

```


CALDAYNO
Symbol table

H 14

16-SEP-1984 02:03:53 VAX/VMS Macro V04-00
5-SEP-1984 02:10:32 [MTAACP.SRC]CALDAYNO.MAR;1

Page 5
(5)

AQB_TYPE = 00000005
CALDAY = 0000000F R 01
CALDAYNO = 00000000 RG 01
D1 = 00000004
D2 = 00000008
FCB_TYPE = 00000000
MVL_TYPE = 00000004
RVT_TYPE = 00000003
VCB_TYPE = 00000002
WCB_TYPE = 00000001

+-----+
! Psect synopsis !
+-----+

PSECT name	Allocation	PSECT No.	Attributes
ABS	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
\$CODE\$	00000029 (41.)	01 (1.)	NOPIC USR CON REL LCL NOSHR EXE RD NOWRT NOVEC LONG

+-----+
! Performance indicators !
+-----+

Phase	Page faults	CPU Time	Elapsed Time
Initialization	39	00:00:00.13	00:00:00.39
Command processing	136	00:00:00.68	00:00:04.49
Pass 1	85	00:00:00.76	00:00:02.91
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	41	00:00:00.59	00:00:03.20
Symbol table output	2	00:00:00.02	00:00:00.02
Psect synopsis output	2	00:00:00.02	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	308	00:00:02.20	00:00:11.03

The working set limit was 900 pages.
2962 bytes (6 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 10 non-local and 0 local symbols.
342 source lines were read in Pass 1, producing 11 object records in Pass 2.
7 pages of virtual memory were used to define 6 macros.

+-----+
! Macro library statistics !
+-----+

Macro library name	Macros defined
\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	0
\$255\$DUA28:[SYSLIB]STARLET.MLB;2	0
TOTALS (all libraries)	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:CALDAYNO/OBJ=OBJ\$:CALDAYNO MSRC\$:MTADEF1/UPDATE=(ENH\$:MTADEF1)+MSRC\$:CALDAYNO/UPDATE=(ENH\$:CALDAYNO)+EXECMLS/LIB

0253

AH-BT13A-SE
 VAX/VMS V4.0

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